

WHAT IS CLAIMED IS:

1. A pendulum mount to support a display screen,  
comprising:

5 a ceiling mount, wherein cables run within the ceiling  
mount;

a support arm mechanically coupled to the ceiling mount with  
a first joint, wherein the cables exit the ceiling  
mount and enter the support arm at the first joint, and  
wherein the cables run within the support arm;

10 a mounting assembly to support the display screen,  
mechanically coupled to the support arm with a second  
joint, wherein the cables exit the support arm and  
enter the support arm at the second joint, and wherein  
the cables run within the mounting assembly and  
15 operably couple to the display screen.

2. The pendulum mount of Claim 1, wherein the ceiling  
mount further comprises:

a conduit; and

20 a base mechanically coupled to the conduit wherein the base  
mechanically couples to the ceiling, wherein the  
conduit is operable to rotate +/- 360° relative to the  
base.

25 3. The pendulum mount of Claim 1, wherein tension between  
the support arm and the ceiling mount prevent the support arm  
from resting in a neutral position.

30 4. The pendulum mount of Claim 1, wherein the tension  
between the support arm and the ceiling mount is exerted by a gas  
tension spring.

5. The pendulum mount of Claim 1, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

5 6. The pendulum mount of Claim 1, wherein the mounting assembly further comprises:

a second conduit; and

a rotator mechanically coupled to the second conduit wherein  
the rotator mechanically couples to the display screen,  
10 wherein the second conduit is operable to rotate +/-  
360° relative to the rotator.

7. The pendulum mount of Claim 1, wherein tension between  
the support arm and the mounting assembly prevent the display  
15 screen from resting in a neutral position.

8. The pendulum mount of Claim 1, wherein the cable  
travels along a channel in the first joint between the ceiling  
mount and the support arm.

20 9. The pendulum mount of Claim 1, wherein the cable  
travels along a channel in the second joint between the mounting  
assembly and the support arm.

10. A pendulum mount to support a display screen,  
comprising:

a ceiling mount, further comprising:

a conduit; and

5 a base mechanically coupled to the conduit wherein the  
base mechanically couples to the ceiling, wherein  
the conduit is operable to rotate +/- 360°  
relative to the base, and wherein cables run  
within the conduit;

10 a support arm mechanically coupled to the ceiling mount with  
a first joint, wherein the cables exit the ceiling  
mount and enter the support arm at the first joint, and  
wherein the cables run within the support arm, and  
wherein tension between the support arm and the ceiling  
15 mount prevent the support arm from resting in a neutral  
position;

a mounting assembly to support the display screen,

mechanically coupled to the support arm with a second  
joint, wherein the cables exit the support arm and  
20 enter the support arm at the second joint, wherein the  
cables run within the mounting assembly and operably  
couple to the display screen, and wherein the mounting  
assembly further comprises:

a second conduit; and

25 a rotator mechanically coupled to the second conduit  
wherein the rotator mechanically couples to the  
display screen, wherein the second conduit is  
operable to rotate +/- 360° relative to the  
rotator.

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11. The pendulum mount of Claim 10, wherein the tension  
between the support arm and the ceiling mount is exerted by a gas  
tension spring.

12. The pendulum mount of Claim 10, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

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13. The pendulum mount of Claim 10, wherein tension between the support arm and the mounting assembly prevent the display screen from resting in a neutral position.

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14. The pendulum mount of Claim 10, wherein the cable travels along a channel in the first joint between the ceiling mount and the support arm.

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15. The pendulum mount of Claim 10, wherein the cable travels along a channel in the second joint between the mounting assembly and the support arm.

16. A pendulum mount to support a display screen for a dental patient, comprising:

a ceiling mount, further comprising:

a conduit; and

5 a base mechanically coupled to the conduit wherein the base mechanically couples to the ceiling, wherein the conduit is operable to rotate  $\pm 360^\circ$  relative to the base, and wherein cables run within the conduit;

10 a support arm mechanically coupled to the ceiling mount with a first joint, wherein the cables exit the ceiling mount and enter the support arm at the first joint, and wherein the cables run within the support arm, and wherein tension between the support arm and the ceiling  
15 mount prevent the support arm from resting in a neutral position;

a mounting assembly to support the display screen for the dental patient, mechanically coupled to the support arm with a second joint, wherein the cables exit the  
20 support arm and enter the support arm at the second joint, wherein the cables run within the mounting assembly and operably couple to the display screen, and wherein the mounting assembly further comprises:

a second conduit; and

25 a rotator mechanically coupled to the second conduit wherein the rotator mechanically couples to the display screen, wherein the second conduit is operable to rotate  $\pm 360^\circ$  relative to the rotator.

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17. The pendulum mount of Claim 16, wherein the display screen is operable to be oriented for the dental patient in a reclined position.

18. The pendulum mount of Claim 16, wherein the tension between the support arm and the ceiling mount is exerted by a gas tension spring.

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19. The pendulum mount of Claim 16, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

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20. The pendulum mount of Claim 16, wherein the cable travels along a channel in the first joint between the ceiling mount and the support arm.

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21. The pendulum mount of Claim 16, wherein the cable travels along a channel in the second joint between the mounting assembly and the support arm.

22. A hinged joint to conceal cables running within the hinged joint that comprises:

a first hinge assembly having a first internal cavity;

a second hinge assembly having a second internal cavity,

5            wherein the first hinge assembly and the second hinge assembly are mechanically coupled, and wherein the first internal cavity and second internal cavity allow the cables to be concealed.